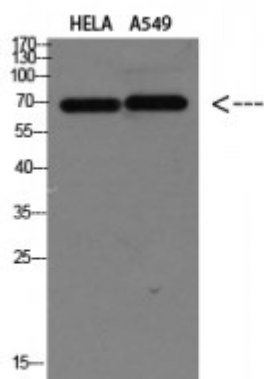


## Anti-DCT antibody



|                         |                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to DCT.                                                                                             |
| <b>Model</b>            | STJ98957                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>     | ELISA, WB                                                                                                             |
| <b>Immunogen</b>        | Synthetic peptide from human DCT protein.                                                                             |
| <b>Immunogen Region</b> | 232-304 aa                                                                                                            |
| <b>Gene ID</b>          | <a href="#">1638</a>                                                                                                  |
| <b>Gene Symbol</b>      | <a href="#">DCT</a>                                                                                                   |
| <b>Dilution range</b>   | WB 1:500-2000ELISA 1:10000-20000                                                                                      |
| <b>Specificity</b>      | The antibody detects endogenous DCT.                                                                                  |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>     | L-dopachrome tautomerase DCT DT L-dopachrome Delta-isomerase Tyrosinase-related protein 2 TRP-2 TRP2                  |
| <b>Molecular Weight</b> | 59kDa                                                                                                                 |
| <b>Clonality</b>        | Polyclonal                                                                                                            |
| <b>Conjugation</b>      | Unconjugated                                                                                                          |

|                                         |                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                          | IgG                                                                                                                                                     |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                 |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                 |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                    |
| <b>Database Links</b>                   | <a href="https://www.ncbi.nlm.nih.gov/condensedset/HGNC:2709OMIM:191275">HGNC:2709OMIM:191275</a>                                                       |
| <b>Alternative Names</b>                | L-dopachrome tautomerase DCT DT L-dopachrome Delta-isomerase<br>Tyrosinase-related protein 2 TRP-2 TRP2                                                 |
| <b>Function</b>                         | Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2-carboxylic acid (DHICA) . Involved in regulating eumelanin and phaeomelanin levels. |
| <b>Cellular Localization</b>            | Melanosome membrane Melanosome. Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38.                                |
| <b>Post-translational Modifications</b> | Glycosylated.                                                                                                                                           |

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